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# Utility Patent Application Transmittal

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	CNTR.2080
First Inventor	Daniel W.J. Johnson Albert J. Loper
Title	APPARATUS AND METHOD FOR GENERATING PACKED SUM OF ABSOLUTE DIFFERENCES
Express Mail Label	E0001 355359 US 1/27/04

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages **33**]  
*(preferred Arrangement set forth below)*
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Reference to sequence listing, a table or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Pages **3**]

5.  Oath or Declaration [Total Pages **3**]

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuational/divisional with Box 18 completed)*

- i. **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-Rom or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
- Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - CD-ROM or CD-R (2 copies); or
    - Paper
  - Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73 (b) Statement  Power of Attorney *(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statements (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Documents(s) *(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

22387 U.S. PTO  
10/765497

012704

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary Amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No: .....

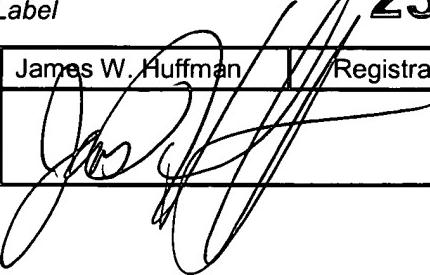
Prior application information: Examiner..... Group Art Unit .....

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon in which a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number and  
Bar Code Label

**23669**

Name (Print Type)	James W. Huffman	Registration No. (Attorney/Agent)	35,549
Signature		Date	1-27-04

012704  
Barcode

22783

U.S.PTO

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT \$ 1176.00

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit Card  Money Order  Other Order

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Description	
1001 740	2001	370 Utility filing fee	\$770.00
1002 330	2002	165 Design filing fee	
1003 510	2003	255 Plant filing fee	
1004 740	2004	370 Reissue filing fee	
1005 160	2005	80 Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>\$ 770.00</b>

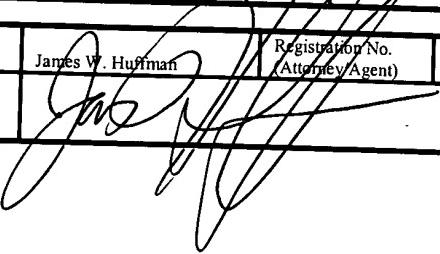
## EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Claims	Extra Claims	Fee from below	Fee Paid
33	-20	5	13	x 18	= 234.
	-3		2	x 86	= 172.
					=
<b>Large Entity Fee Code (\$)</b>			<b>Small Entity Fee Description</b>		
1202 18	2202	9	Claims in excess of 20		
1201 86	2201	43	Independent claims in excess of 3		
1203 290	2203	145	Multiple dependent claim, if not paid		
1204 86	2204	43	**Reissue independent claims over original patent		
1205 18	2205	9	**Reissue claims in excess of 20 and over original patent		
<b>SUBTOTAL (2)</b>			<b>(\$ 406.00)</b>		

\*\*or number previously paid, if grater; For Reissue, see above

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	James V. Huffman	Registration No. Attorney/Agent)	35,549	Telephone	(719) 475-7103
Signature				Date	1-27-04